

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:

a display panel;

a lighting means for lighting said display panel,

5 a parameter adjusting means for, with a variation in a light state of said lighting means as a trigger, adjusting a parameter participating in picture quality so as to conform said light state;

a signal correcting means for inputting a display signal and correcting an input display signal in accordance with an adjusted parameter; and

10 a driving means for driving said display panel on the basis of a corrected display signal.

2. The electronic apparatus as set forth in claim 1, wherein said parameter includes information used for tone reproduction curve correction.

15 3. The electronic apparatus as set forth in claim 2, further comprising an image information acquisition means for acquiring image information about a display signal, wherein:

20 said parameter includes information used for tone reproduction curve correction of at least two of a halftone priority characteristic that gives priority to a middle range and a high range/low range priority characteristic that gives priority to a high range/low range;

if acquired image information shows that the display signal includes a great amount of middle ranges, the signal correcting means makes tone reproduction curve correction according to the halftone priority characteristic; and

25 if acquired image information shows that the display signal includes a great amount of high ranges/low ranges, the signal correcting means makes tone

reproduction curve correction according to the high range/low range priority characteristic.

4. The electronic apparatus as set forth in Claim 3, wherein said image information acquisition means acquires image information from one or both of file extension information and file header information about said display signal.

5 5. The electronic apparatus as set forth in Claim 2, wherein when acquired image information shows an image that includes a great amount of halftone components, said signal correcting means makes tone reproduction curve correction according to said halftone priority characteristic; and

10 when acquired image information shows an image or a text that includes a great amount of high range/low range components, said signal correcting means makes tone reproduction curve correction according to said high range/low range priority characteristic.

15 6. The electronic apparatus as set forth in Claim 1, wherein said parameter includes information about one or more of edge enhancement processing, hue adjustment, color gain adjustment, and white balance adjustment.

7. The electronic apparatus as set forth in Claim 1, further comprising an area used to store profile information about a device that has generated said display signal, wherein said signal correcting means corrects said display signal while taking this profile into account.

20 8. The electronic apparatus as set forth in Claim 1, further comprising an operating means that accepts operation of a user, and a control means for inputting operational information from said operating means, wherein

25 when operational information is not input continuously during a fixed time, said control means turns off said lighting means, and, with this turn-off as

a trigger, causes said parameter adjusting means to adjust said parameter participating in picture quality so as to conform a light state.

9. A recording medium recording a program, the program controlling an electronic apparatus that includes a display panel, lighting means for lighting the display panel, and driving means for driving the display panel, the program comprising:

a parameter adjusting process of, with a variation in a light state of the lighting means as a trigger, adjusting a parameter participating in picture quality so as to conform the light state; and

10 a signal correcting process of inputting a display signal and correcting an input display signal in accordance with an adjusted parameter and outputting it to the driving means.

15 10. The recording medium recording a program as set forth in Claim 9, wherein the parameter includes information used for tone reproduction curve correction.

11. The recording medium recording a program as set forth in Claim 10, wherein the program further comprises an image information acquisition process of acquiring image information about a display signal, and wherein

20 said parameter includes information used for tone reproduction curve correction of at least two of a halftone priority characteristic that gives priority to a middle range and a high range/low range priority characteristic that gives priority to a high range/low range;

25 if acquired image information shows that said display signal includes a great amount of middle ranges, said signal correcting process makes tone reproduction curve correction according to said halftone priority characteristic; and

if acquired image information shows that said display signal includes a great amount of high ranges/low ranges, said signal correcting process makes tone reproduction curve correction according to said high range/low range priority characteristic.

5 12. The recording medium recording a program as set forth in Claim 11, wherein said image information acquisition process acquires image information from one of or both of file extension information and file header information about said display signal.

10 13. The recording medium recording a program as set forth in Claim 10, wherein, when acquired image information shows an image that includes a great amount of halftone components, said signal correcting process makes tone reproduction curve correction according to said halftone priority characteristic; and

15 when acquired image information shows an image or a text that includes a great amount of high range/low range components, said signal correcting process makes tone reproduction curve correction according to said high range/low range priority characteristic.

20 14. The recording medium recording a program as set forth in Claim 9, wherein said parameter includes information about one or more of edge enhancement processing, hue adjustment, color gain adjustment, and white balance adjustment.

25 15. The recording medium recording a program as set forth in Claim 9, wherein profile information about a device that has generated said display signal is stored, and said signal correcting process corrects said display signal while taking this profile into account.

16. The recording medium recording a program as set forth in Claim 9,

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wherein, when operational information is not input from a user continuously during a fixed time, said lighting means is turned off, and, with this turn-off as a trigger, said parameter adjusting process adjusts said parameter participating in picture quality so as to conform a light state.